



# DI-25T2SSTM 25 TON TRAILER MOUNT UNIT

## PERFORMANCE

COOLING CAPACITY	296,400 BTU/HR
RETURN AIR COND DB	20 DEG F DROP
COND AIR SUPPLY	10,000 CFM @0.1" WETCOIL
HEATING CAPACITY	R H KITS (18-72KW)
DEHUMIDIFYING	50% RH MAX
MAX OPERATING AMBIENT	125 DEG F ~ 52 DEG C
MIN OPERATING AMBIENT	- 40 DEG F ~ C
RATING AMBIENT	95 DEG F ~ 35 DEG C

## MECHANICAL

REFRIGERATION STAGES	2 STAGE
HEATING STAGES	1 STAGE – RESISTANCE
COMPRESSOR TYPE	SCROLL
REFRIGERANT TYPE	R410A
EVAP COIL MATERIAL	MICRO CHANNEL
COND COIL MATERIAL	MICRO CHANNEL
EXPANSION VALVE TYPE	SHORT ORIFICE
CIRCULATING FAN	FORWARD CURVE
CONDENSER FAN TYPE	AXIAL
SUB BASE MATERIAL	GALVANIZED STEEL
CABINET FINISH	POWDER COAT
WEIGHT	3025 LBS
DEMINSIONS	16'L X 8'W X 7'H

## DUCTS

DIAMETER	20"
SUPPLY DUCTS	2
RETURN DUCTS	2
EXTERNAL STATIC PRESSURE	1.0" MAX ~ 1.5" OPTIONAL

## ELECTRICAL

VOLTS/PHASE/HZ	208/240-480V/3PH/60HZ
MAX POWER COOLING <b>208/240V</b>	RLA 113 (46.66KW) LRA 409
MAX POWER COOLING <b>480V</b>	RLA 53.2 (44.17KW) LRA 222
MOTOR PROTECTION	SUPPLY BREAKER & INTERNAL CONTACTOR
COMPRESSOR PROTECTION	INTERNAL THERMAL & MOTOR CONTACTOR
COOLING CONTROLS	THERMOSTAT ~ RETURN AIR SENSING
HEATING CONTROLS	THERMOSTAT ~ RETURN AIR SENSING
MODE SELECTOR SWITCH	ON/OFF ~ AUTO TEMP ~ FAN ALWAYS ON
COOLING SAFETY SWITCHES	STD – HI PRESS SWITCH
HEATING SAFETY SWITCHES	HI TEMP - BI METAL DISC



## DESCRIPTION

The DI-25T2SSTM HVAC System offers all-in-one services for air conditioning, area cooling, dehumidifying and portable heating needs. Completely self-contained and portable, it provides 296,400btu/h cooling and up to 72KW of electric Heating. The system includes the following: Unit Mounted or Remote Thermostat, Cam-Lock Electrical Connections, 20" Duct Collar Connections for Supply (2X) and Return (2X) and a US DOT rated dual axle trailer. Unit has phase monitoring and on-board electrical disconnect as standard features.

